



September 13, 2011

ORENCO SYSTEMS
GOVERNMENT RELATIONS
NICHOLAS NOBLE
814 AIRWAY AVE
SUTHERLIN OR 97479

Re: Description: POWTS COMPONENT MANUAL
Manufacturer: ORENCO SYSTEMS
Product Name: ADVANTEX® COMPONENT MANUAL
Model Number(s): **NDA-ATX-7 (Rev. 2.0, March 29, 2011)**

AX 20 and AX 20 RT
recirculating textile filter

Product File No: 20100455

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters Comm 82 through 84, Wisconsin Administrative Code, and Chapters 145 and 160, Wisconsin Statutes.

The Department hereby issues an approval based on the Wisconsin Statutes and the Wisconsin Administrative Code. **This approval is valid until the end of May 2013.**

This approval is contingent upon compliance with the following stipulation(s):

- Installation of systems that conform to this POWTS component manual must consist of wastewater treatment tank(s) approved by the Department of Commerce, Division of Safety and Buildings that meet the criteria listed in the manual. Tanks that are approved with options that allow the tank to meet the requirements of this manual, without further modifications to the tank, are considered approved tank in accordance with this manual.
- To obtain copies of the ADVANTEX® COMPONENT MANUAL, contact:
ORENCO SYSTEMS
814 AIRWAY AVE
SUTHERLIN OR 97479
FAX: 541-459-2884
EMAIL: NNOBLE@ORENCO.COM
WWW.ORENCO.COM
- Approval of this POWTS Component Manual is for recognition for designs of systems that are covered by this manual. Systems that are designed, installed and maintained in accordance with this manual will provide treatment of domestic wastewater in conformance with s. Comm 83, Wis. Adm. Code. This manual must be used in conjunction with a Commerce approved POWTS Design Manual for effluent distribution and dispersal.
- Revisions to this version of the ORENCO ADVANTEX® COMPONENT MANUAL, during the approval period shall be submitted for review and approval with documentation having the most current version or revision date.
- Approval of this POWTS Component Manual is for recognition for designs of systems that are covered by this manual. Systems that are designed, installed and maintained in accordance with this manual will produce effluent having monthly average values of less than or equal to BOD5 = 10 mg/L max.; TSS = 10 mg/L max.; ammonia-N = 10 mg/L max.; total nitrogen = 65% reduction; fecal coliform = 10,000 cfu/100 mL max.; if properly designed and maintained.

- Additional information is included as attachment(s) to this letter; see attachment A.
- SEE ALSO: http://dsps.wi.gov/php/sb-ppalopp/prodcode_result.php/POWTSM/POWTS_COMPONENT_MANUAL

This approval supersedes the approval issued on 5/21/2008 rev. 5/28/2008 under product file number 20080065.

This approval letter shall be incorporated with your previously approved plans and/or specifications approved under product file number 20080065.

The department is in no way endorsing this product or any advertising, and is not responsible for any situation which may result from its use.

Sincerely,

Jean M. MacCubbin, CST
Engineering Consultant--Plumbing Products Review
DSPS WEST, Safety & Buildings Div.
PO Box 2658
201 W Washington Ave.
Madison WI 53703-2658
Phone: 608-266-0955; Fax: 608-283-7456
E-mail: Jean.MacCubbin@WI.GOV